




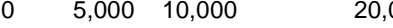





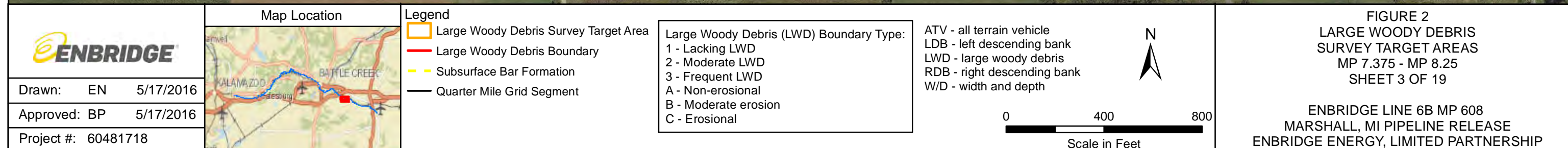
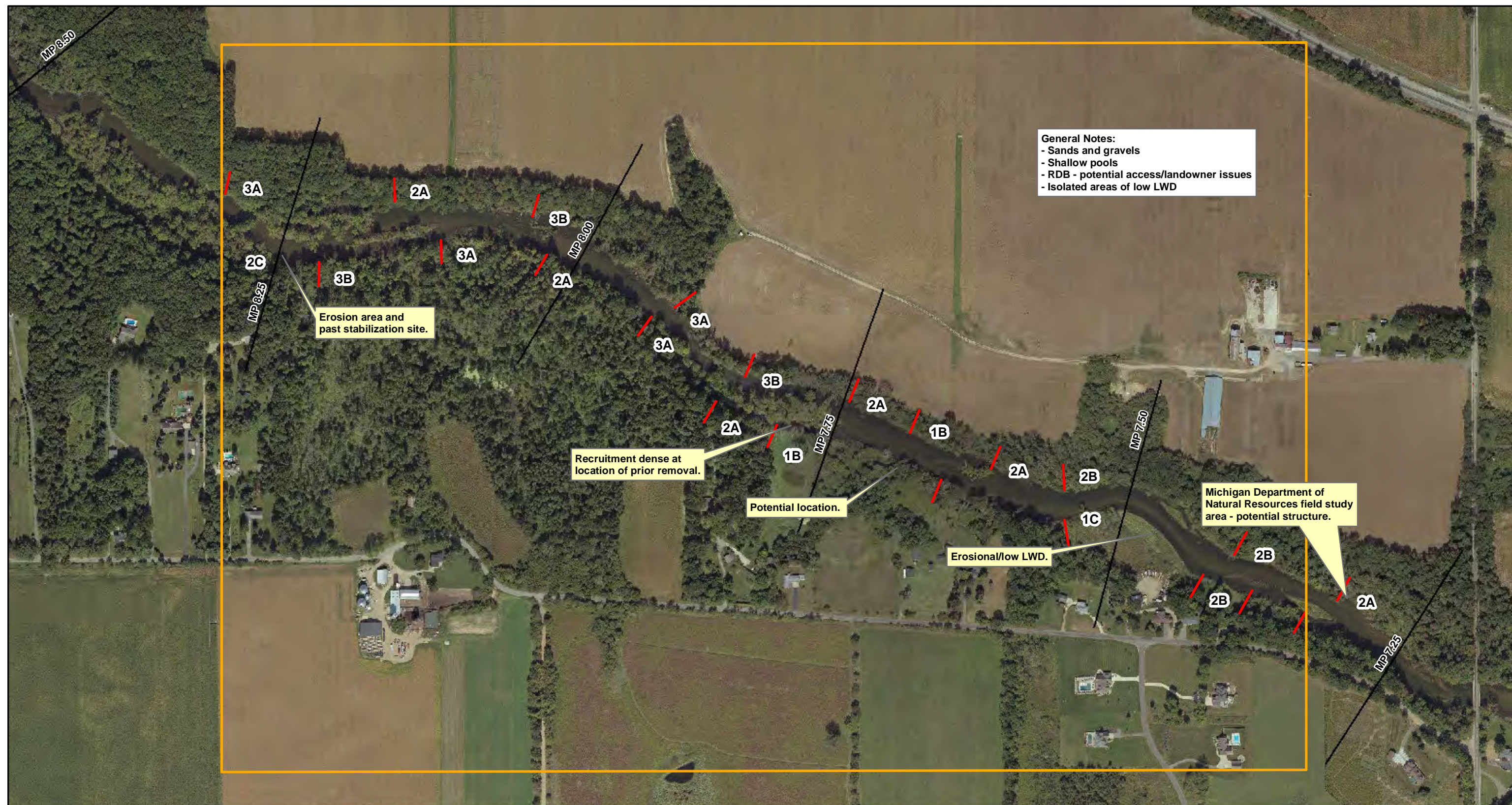
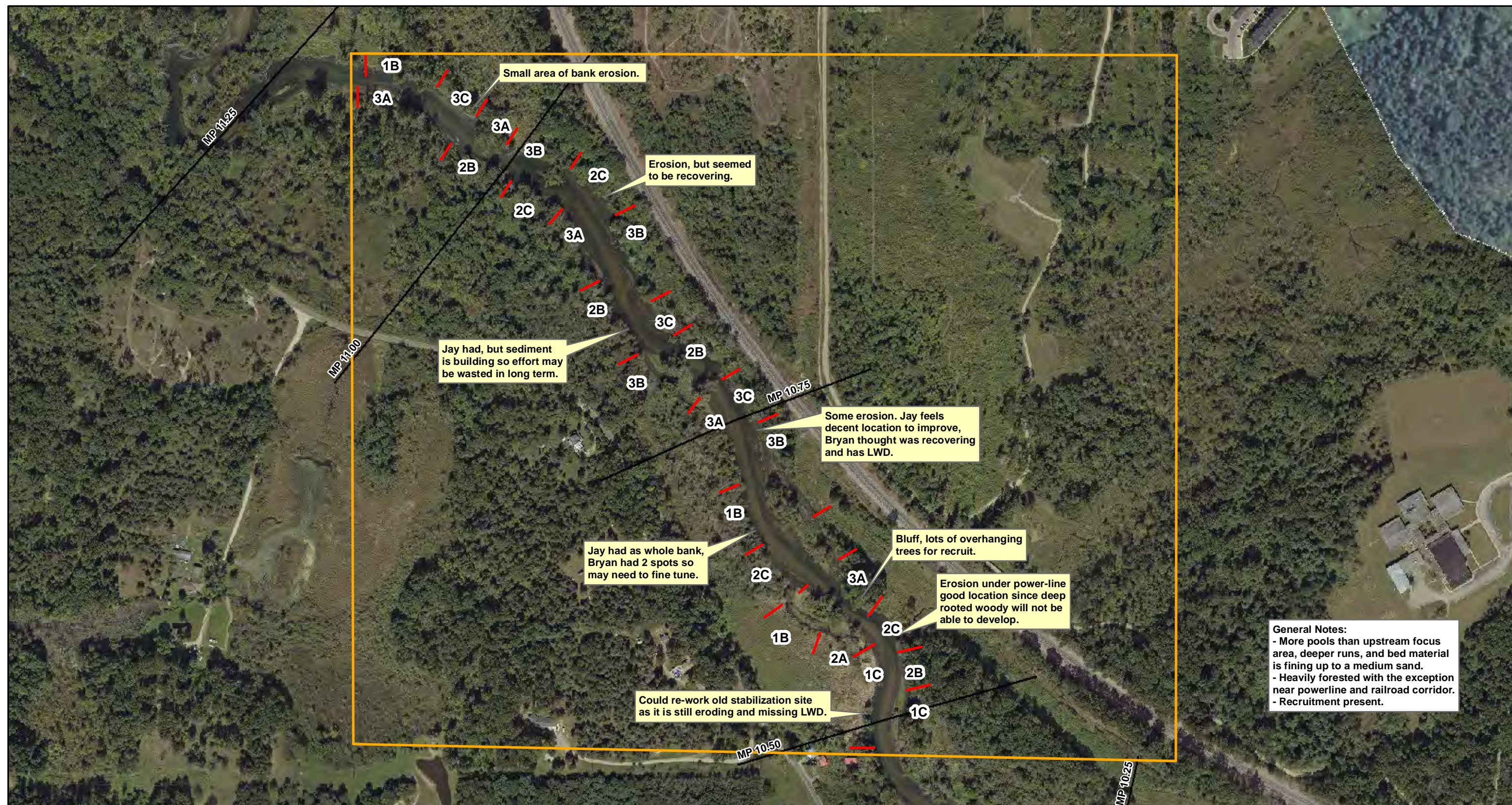
	Map Location		Legend  Large Woody Debris Survey Target Area  Large Woody Debris Boundary  Subsurface Bar Formation  One Mile Grid Segments	Large Woody Debris (LWD) Boundary Type: 1 - Lacking LWD 2 - Moderate LWD 3 - Frequent LWD A - Non-erosional B - Moderate erosion C - Erosional	ATV - all terrain vehicle LDB - left descending bank LWD - large woody debris RDB - right descending bank W/D - width and depth	  Scale in Feet	FIGURE 2 LARGE WOODY DEBRIS SURVEY TARGET AREAS SHEET 1 OF 19 ENBRIDGE LINE 6B MP 608 MARSHALL, MI PIPELINE RELEASE ENBRIDGE ENERGY, LIMITED PARTNERSHIP Aerial Photography Date: November 2015 over August 2010
	Drawn: EN 5/17/2016						
	Approved: BP 5/17/2016						
	Project #: 60481718						



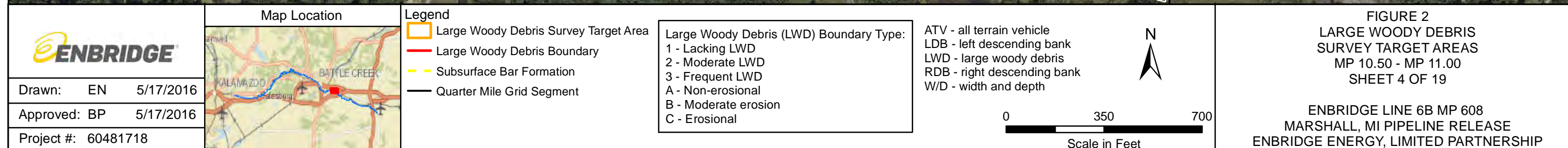
General Notes:
 - Mostly cobble bed material
 - Shallow pools
 - Lower reach overly wide

 <p>Drawn: EN 5/17/2016</p> <p>Approved: BP 5/17/2016</p> <p>Project #: 60481718</p>	<p>Map Location</p> 	<p>Legend</p> <ul style="list-style-type: none"> Large Woody Debris Survey Target Area Large Woody Debris Boundary Subsurface Bar Formation Quarter Mile Grid Segment 	<p>Large Woody Debris (LWD) Boundary Type:</p> <ul style="list-style-type: none"> 1 - Lacking LWD 2 - Moderate LWD 3 - Frequent LWD A - Non-erosional B - Moderate erosion C - Erosional 	<p>ATV - all terrain vehicle LDB - left descending bank LWD - large woody debris RDB - right descending bank W/D - width and depth</p> <div style="text-align: right;">  </div> <div style="text-align: center;">  <p>Scale in Feet</p> </div>	<p>FIGURE 2 LARGE WOODY DEBRIS SURVEY TARGET AREAS MP 5.75 - MP 6.75 SHEET 2 OF 19</p> <p>ENBRIDGE LINE 6B MP 608 MARSHALL, MI PIPELINE RELEASE ENBRIDGE ENERGY, LIMITED PARTNERSHIP</p>





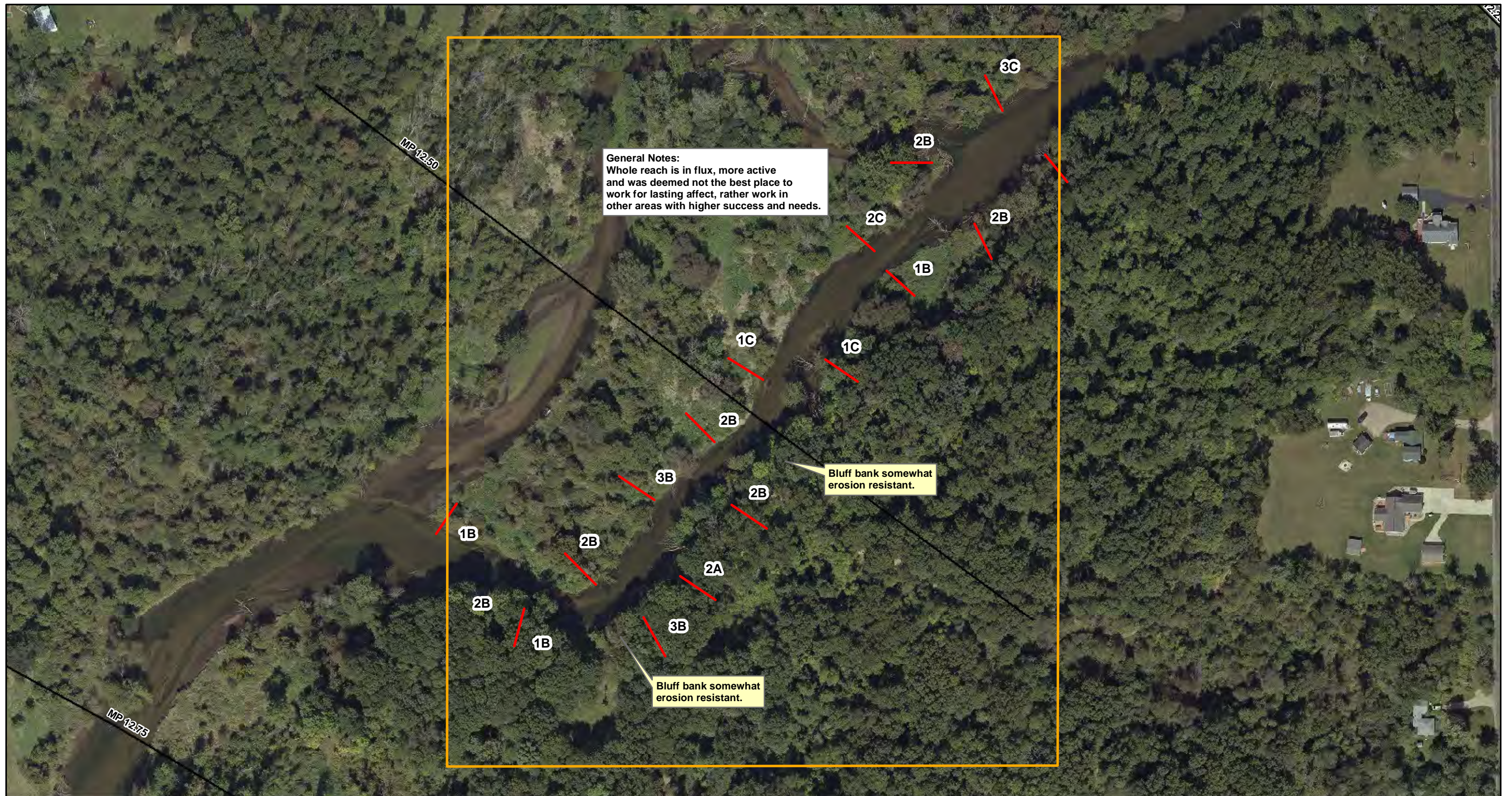


General Notes:
 - More pools than upstream focus area, deeper runs, and bed material is fining up to a medium sand.
 - Heavily forested with the exception near powerline and railroad corridor.
 - Recruitment present.

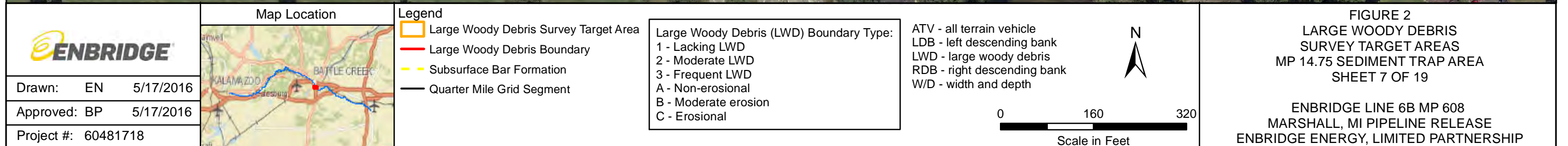


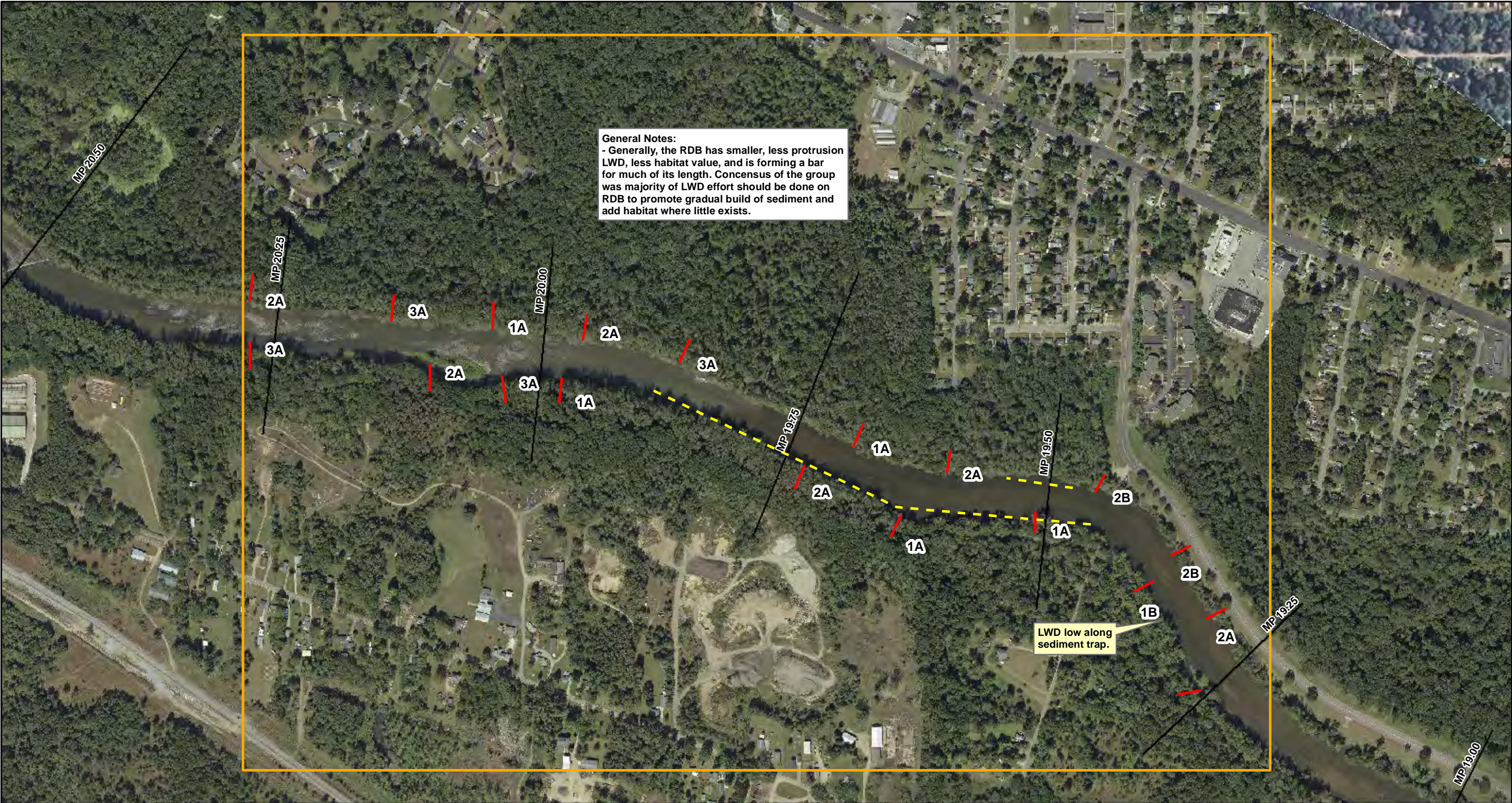




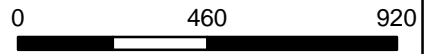

	Map Location	Legend <div><div>Large Woody Debris Survey Target Area</div><div>Large Woody Debris Boundary</div><div>Subsurface Bar Formation</div><div>Quarter Mile Grid Segment</div></div> <div>Large Woody Debris (LWD) Boundary Type: 1 - Lacking LWD 2 - Moderate LWD 3 - Frequent LWD A - Non-erosional B - Moderate erosion C - Erosional</div> <div>ATV - all terrain vehicle LDB - left descending bank LWD - large woody debris RDB - right descending bank W/D - width and depth</div>	<div><div>N</div><div></div><div><div>0150300</div><div>Scale in Feet</div></div></div>	<div><div>FIGURE 2</div><div>LARGE WOODY DEBRIS</div><div>SURVEY TARGET AREAS</div><div>MP 11.75</div><div>SHEET 5 OF 19</div><div>ENBRIDGE LINE 6B MP 608</div><div>MARSHALL, MI PIPELINE RELEASE</div><div>ENBRIDGE ENERGY, LIMITED PARTNERSHIP</div></div>
	Drawn: EN 5/17/2016			
	Approved: BP 5/17/2016			
	Project #: 60481718			

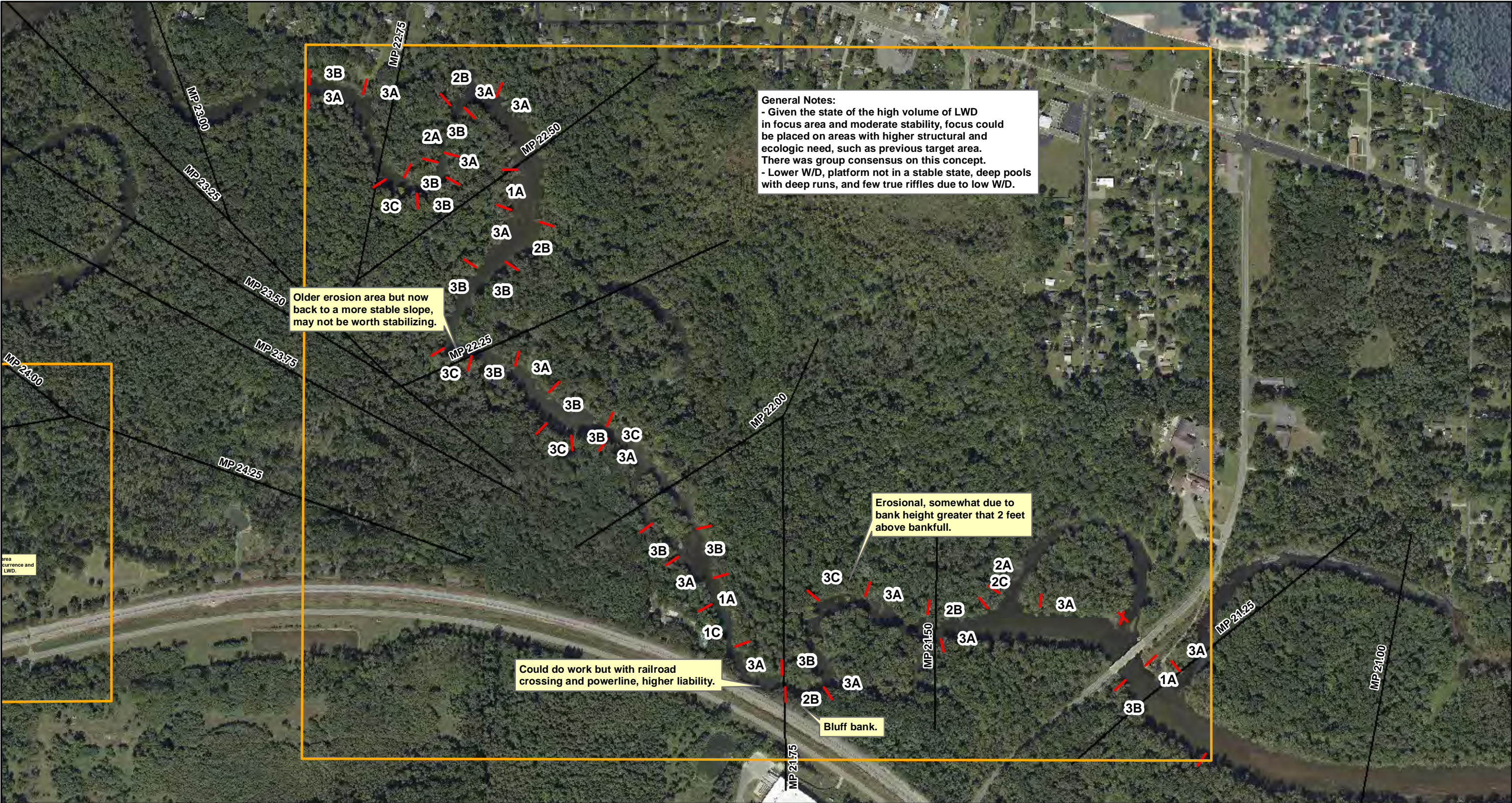




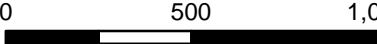

	Map Location	Legend	<p>Large Woody Debris (LWD) Boundary Type:</p> <ul style="list-style-type: none"> 1 - Lacking LWD 2 - Moderate LWD 3 - Frequent LWD A - Non-erosional B - Moderate erosion C - Erosional 	<p>ATV - all terrain vehicle LDB - left descending bank LWD - large woody debris RDB - right descending bank W/D - width and depth</p>		<p>0 150 300 Scale in Feet</p>	<p>FIGURE 2 LARGE WOODY DEBRIS SURVEY TARGET AREAS MP 12.50 SHEET 6 OF 19</p>	
	<p>Drawn: EN 5/17/2016</p>							<ul style="list-style-type: none"> Large Woody Debris Survey Target Area — Large Woody Debris Boundary — Subsurface Bar Formation — Quarter Mile Grid Segment
	<p>Approved: BP 5/17/2016</p>							
	<p>Project #: 60481718</p>							
						<p>ENBRIDGE LINE 6B MP 608 MARSHALL, MI PIPELINE RELEASE ENBRIDGE ENERGY, LIMITED PARTNERSHIP</p>		

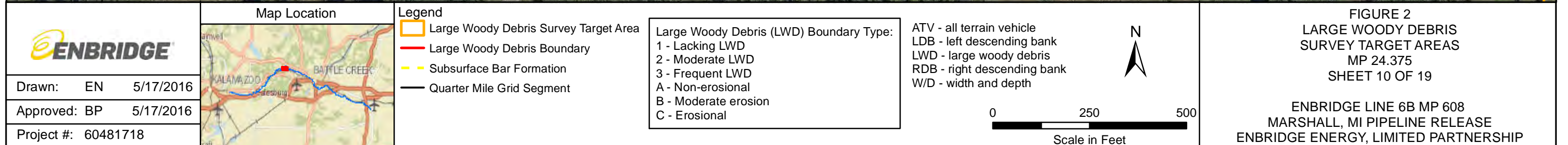
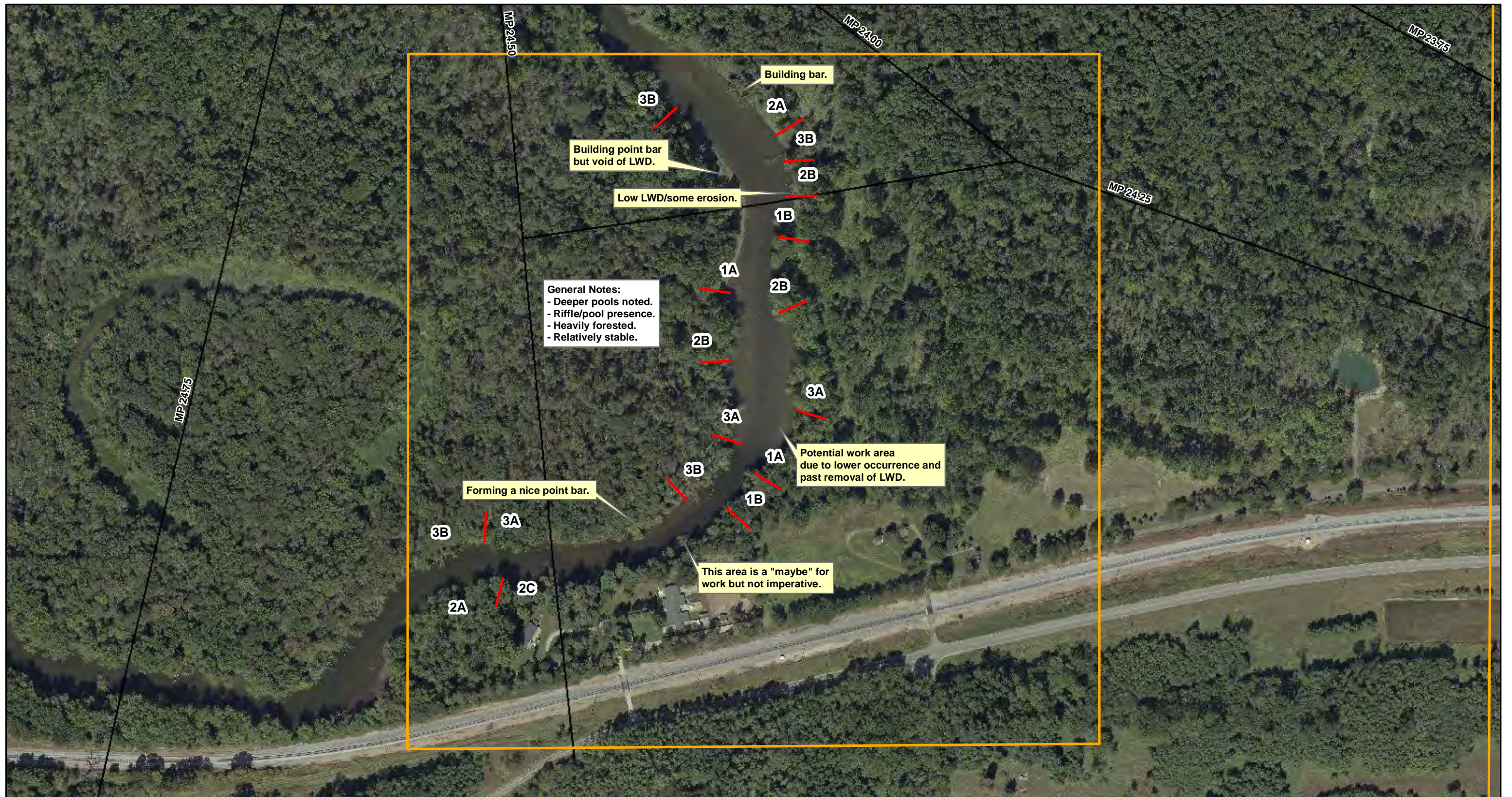


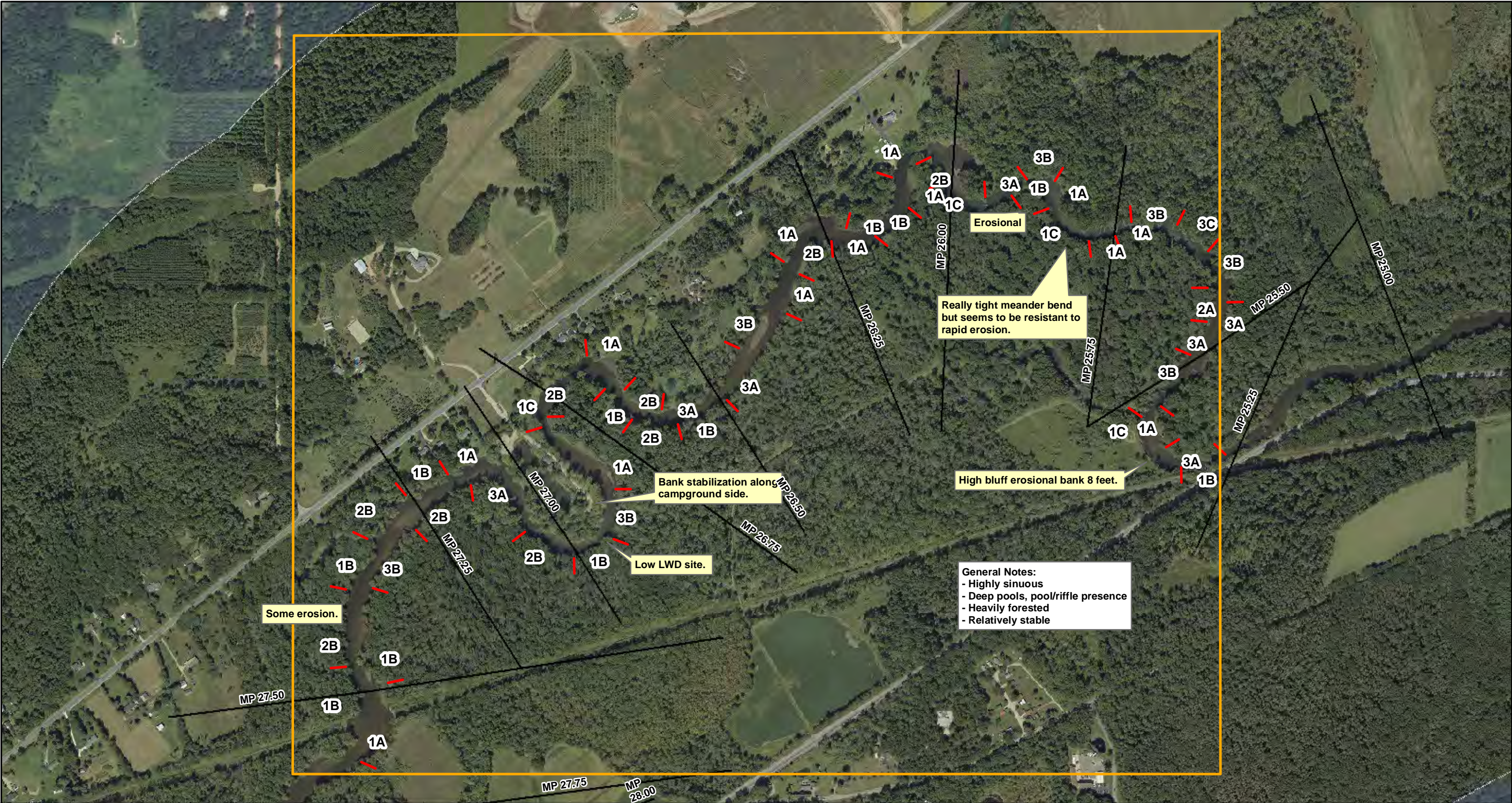




	Map Location	Legend <ul style="list-style-type: none">Large Woody Debris Survey Target AreaLarge Woody Debris BoundarySubsurface Bar FormationQuarter Mile Grid Segment Large Woody Debris (LWD) Boundary Type: 1 - Lacking LWD 2 - Moderate LWD 3 - Frequent LWD A - Non-erosional B - Moderate erosion C - Erosional	ATV - all terrain vehicle LDB - left descending bank LWD - large woody debris RDB - right descending bank W/D - width and depth	  Scale in Feet	FIGURE 2 LARGE WOODY DEBRIS SURVEY TARGET AREAS MP 19.25 - MP 20.25 SHEET 8 OF 19 ENBRIDGE LINE 6B MP 608 MARSHALL, MI PIPELINE RELEASE ENBRIDGE ENERGY, LIMITED PARTNERSHIP	
	Drawn: EN 5/17/2016					
	Approved: BP 5/17/2016					
	Project #: 60481718					

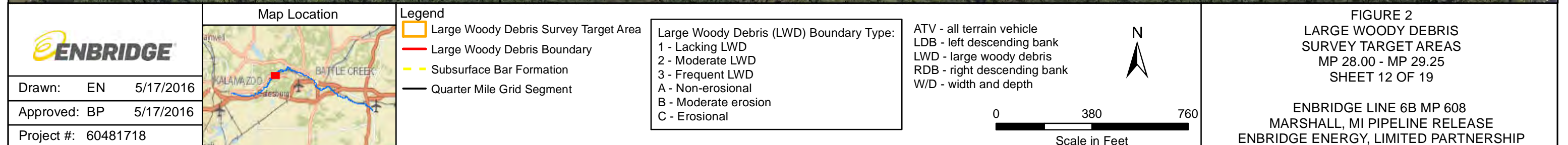


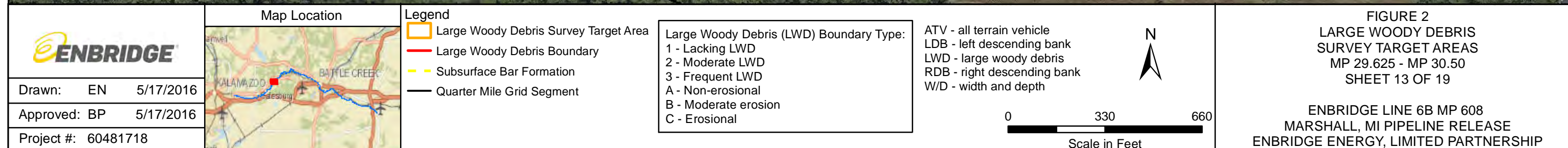
	Map Location	Legend <ul style="list-style-type: none">Large Woody Debris Survey Target AreaLarge Woody Debris BoundarySubsurface Bar FormationQuarter Mile Grid Segment	Large Woody Debris (LWD) Boundary Type: 1 - Lacking LWD 2 - Moderate LWD 3 - Frequent LWD A - Non-erosional B - Moderate erosion C - Erosional	ATV - all terrain vehicle LDB - left descending bank LWD - large woody debris RDB - right descending bank W/D - width and depth	  Scale in Feet	FIGURE 2 LARGE WOODY DEBRIS SURVEY TARGET AREAS MP 21.25 - MP 22.75 SHEET 9 OF 19 ENBRIDGE LINE 6B MP 608 MARSHALL, MI PIPELINE RELEASE ENBRIDGE ENERGY, LIMITED PARTNERSHIP					
	Drawn: EN 5/17/2016										
	Approved: BP 5/17/2016										
	Project #: 60481718										





	Map Location	Legend <div><div>Large Woody Debris Survey Target Area</div><div>Large Woody Debris Boundary</div><div>Subsurface Bar Formation</div><div>Quarter Mile Grid Segment</div></div> <div>Large Woody Debris (LWD) Boundary Type: 1 - Lacking LWD 2 - Moderate LWD 3 - Frequent LWD A - Non-erosional B - Moderate erosion C - Erosional</div>	<div>ATV - all terrain vehicle LDB - left descending bank LWD - large woody debris RDB - right descending bank W/D - width and depth</div> <div><div>05801,160</div><div>Scale in Feet</div></div> <div><div>N</div></div>	<div>FIGURE 2 LARGE WOODY DEBRIS SURVEY TARGET AREAS 25.625 - MP 27.625 SHEET 11 OF 19</div> <div>ENBRIDGE LINE 6B MP 608 MARSHALL, MI PIPELINE RELEASE ENBRIDGE ENERGY, LIMITED PARTNERSHIP</div>
	Drawn: EN 5/17/2016			
	Approved: BP 5/17/2016			
	Project #: 60481718			



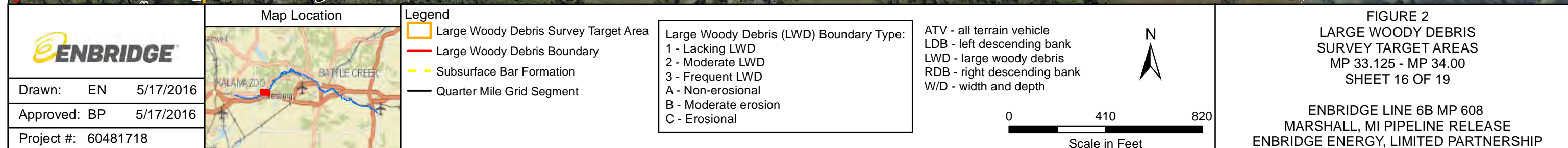
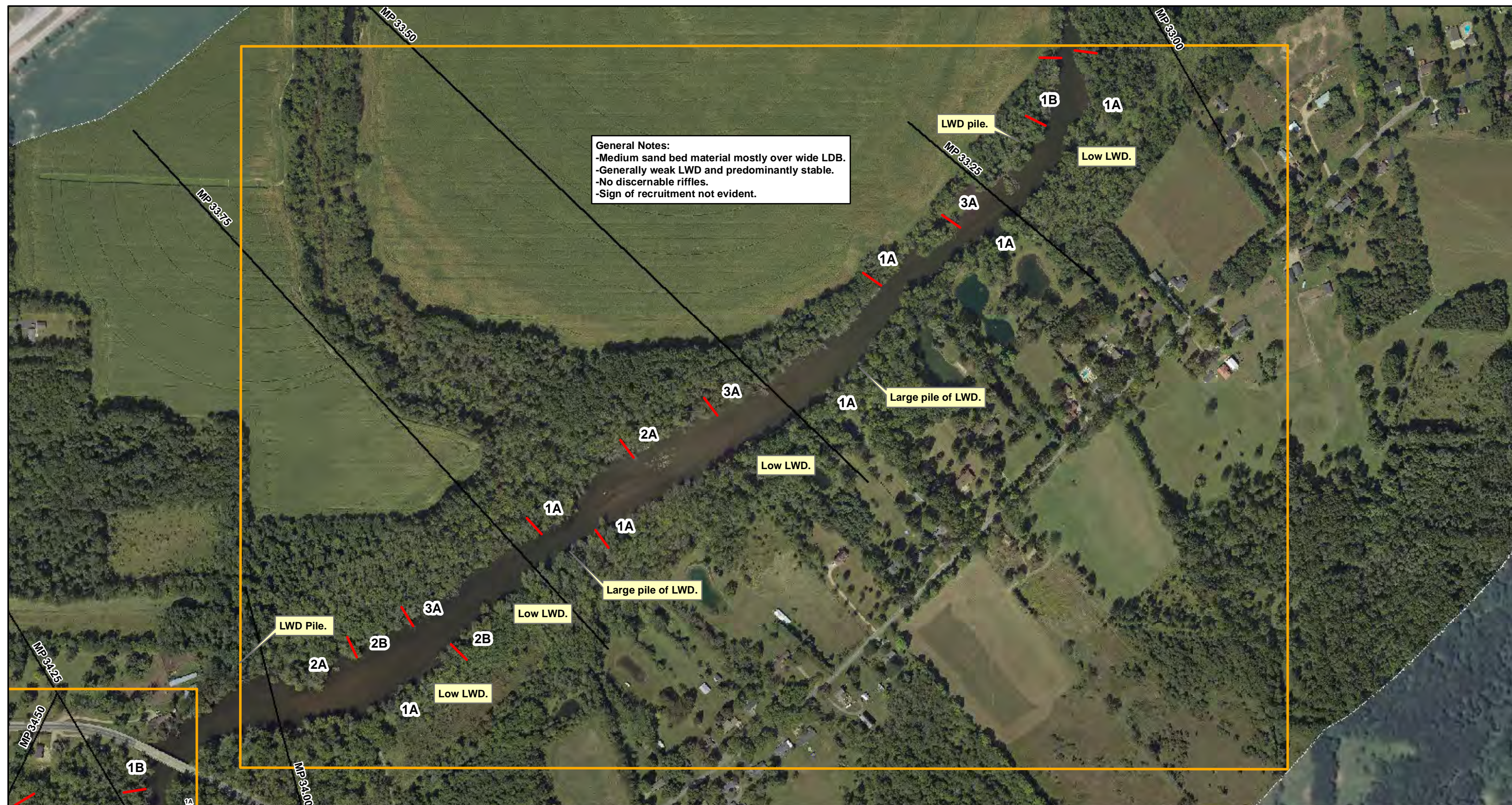


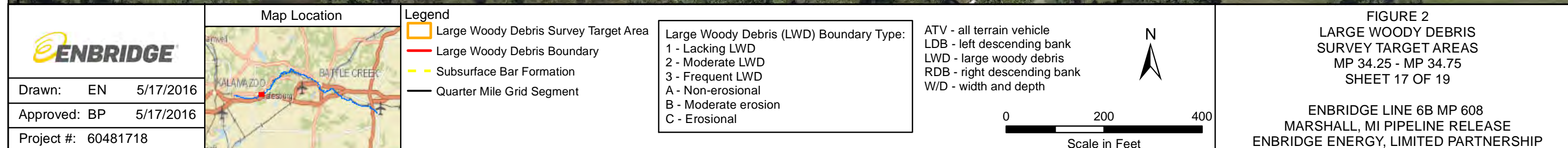
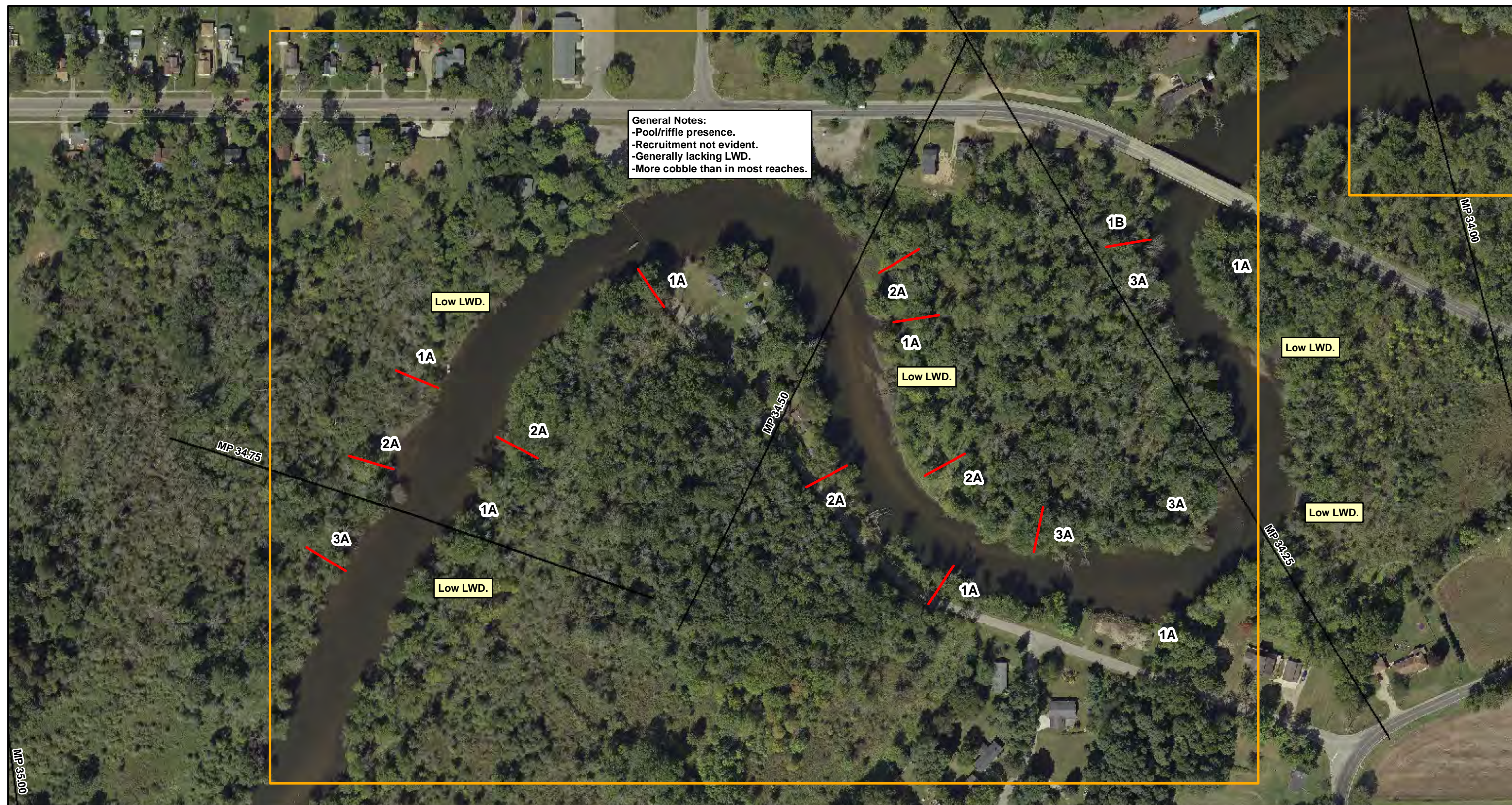


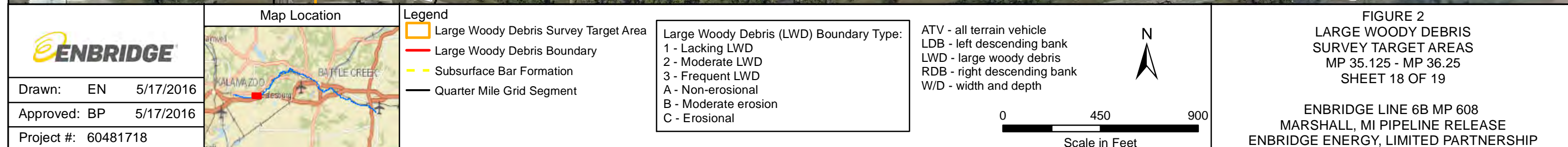
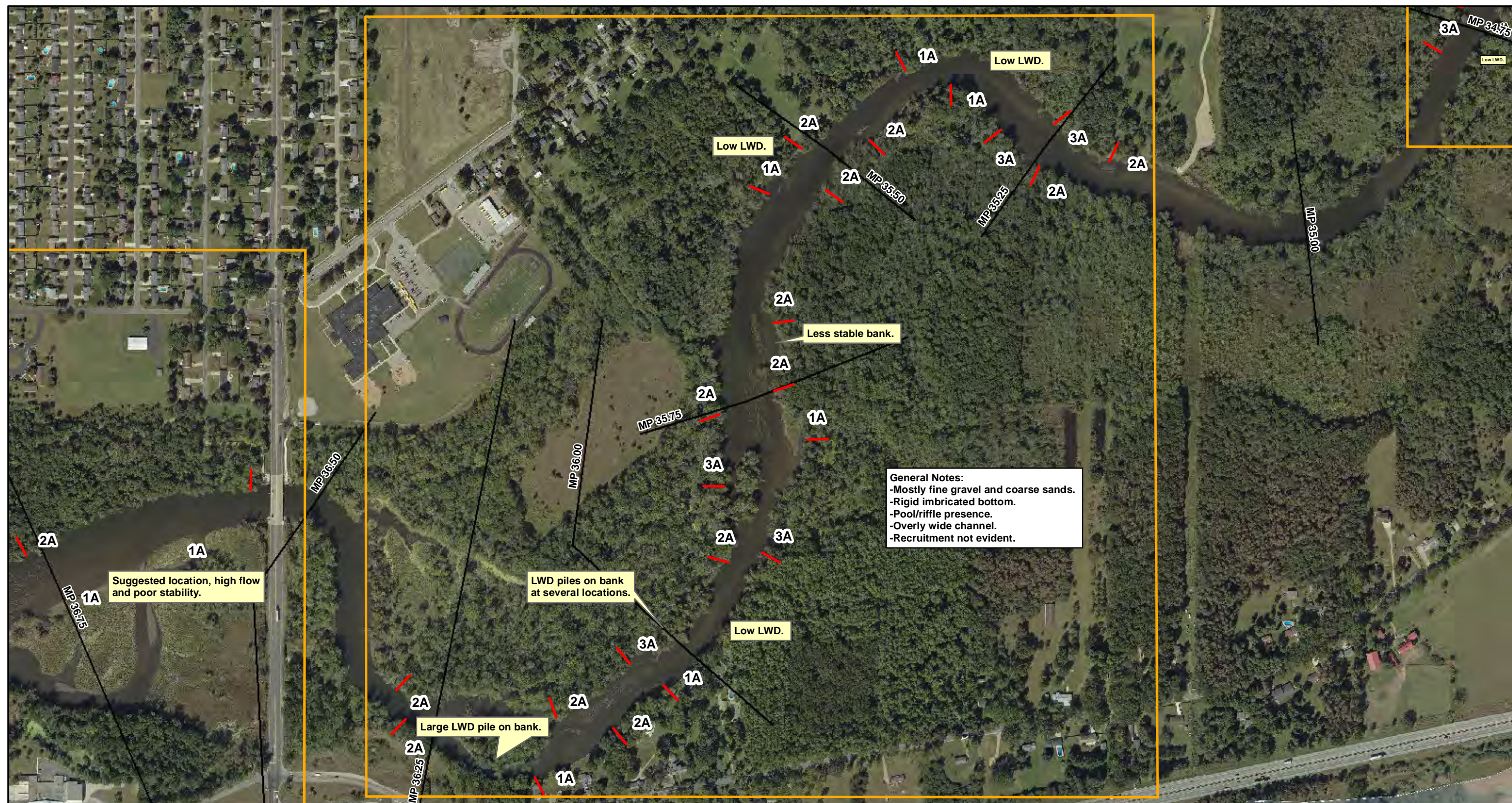
	Map Location	Legend	<p>Large Woody Debris (LWD) Boundary Type:</p> <ul style="list-style-type: none">1 - Lacking LWD2 - Moderate LWD3 - Frequent LWDA - Non-erosionalB - Moderate erosionC - Erosional <p>ATV - all terrain vehicle LDB - left descending bank LWD - large woody debris RDB - right descending bank W/D - width and depth</p> <p>0 180 360 Scale in Feet</p>	<p>FIGURE 2 LARGE WOODY DEBRIS SURVEY TARGET AREAS MP 31.75 - MP 32.00 SHEET 14 OF 19</p> <p>ENBRIDGE LINE 6B MP 608 MARSHALL, MI PIPELINE RELEASE ENBRIDGE ENERGY, LIMITED PARTNERSHIP</p>	
	Drawn: EN 5/17/2016				<p>Large Woody Debris Survey Target Area</p> <p>Large Woody Debris Boundary</p> <p>Subsurface Bar Formation</p> <p>Quarter Mile Grid Segment</p>
	Approved: BP 5/17/2016				
	Project #: 60481718				





	Map Location		Legend Large Woody Debris Survey Target Area Large Woody Debris Boundary Subsurface Bar Formation Quarter Mile Grid Segment	Large Woody Debris (LWD) Boundary Type: 1 - Lacking LWD 2 - Moderate LWD 3 - Frequent LWD A - Non-erosional B - Moderate erosion C - Erosional	ATV - all terrain vehicle LDB - left descending bank LWD - large woody debris RDB - right descending bank W/D - width and depth	 Scale in Feet 0 200 400	FIGURE 2 LARGE WOODY DEBRIS SURVEY TARGET AREAS MP 32.25 - MP 32.75 SHEET 15 OF 19 ENBRIDGE LINE 6B MP 608 MARSHALL, MI PIPELINE RELEASE ENBRIDGE ENERGY, LIMITED PARTNERSHIP
	Drawn: EN 5/17/2016						
	Approved: BP 5/17/2016						
	Project #: 60481718						









 <p>Drawn: EN 5/17/2016</p> <p>Approved: BP 5/17/2016</p> <p>Project #: 60481718</p>	<p>Map Location</p> 	<p>Legend</p> <ul style="list-style-type: none"> Large Woody Debris Survey Target Area Large Woody Debris Boundary Subsurface Bar Formation Quarter Mile Grid Segment 	<p>Large Woody Debris (LWD) Boundary Type:</p> <ul style="list-style-type: none"> 1 - Lacking LWD 2 - Moderate LWD 3 - Frequent LWD A - Non-erosional B - Moderate erosion C - Erosional 	<p>ATV - all terrain vehicle LDB - left descending bank LWD - large woody debris RDB - right descending bank W/D - width and depth</p> <p>0 450 900</p> <p>Scale in Feet</p> <p>N</p>	<p>FIGURE 2 LARGE WOODY DEBRIS SURVEY TARGET AREAS MP 36.50 - MP 37.25 SHEET 19 OF 19</p> <p>ENBRIDGE LINE 6B MP 608 MARSHALL, MI PIPELINE RELEASE ENBRIDGE ENERGY, LIMITED PARTNERSHIP</p>
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